ABSTRACT OF THE DISCLOSURE

A method for manufacturing a reduced metal includes thermally reducing a metal oxide including a carbonaceous reductant disposed on a hearth moving in a reducing furnace, wherein the reducing furnace includes a plurality of primary burners for supplying fuel and primary combustion air, and a plurality of secondary combustion burners for supplying secondary combustion air; and wherein the primary combustion air and/or the secondary combustion air is oxygen-enriched air, the oxygen concentration in the primary combustion air supplied from at least one of the plurality of primary burners being controlled to be lower than the oxygen concentration in the secondary combustion air.